



CHITTARANJAN NAYAK

Centre/School/Special Centre: **Social Science**

Department: **Economics**

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Personal Webpage Link

Qualifications

M.A., M.Phil and Ph.D in Analytical and Applied Economics, UGC(JRF/SRF)

Area of Interest/Specialization

Research Interest-Federal Finance, Economics of Social Sector and Infrastructure, Agricultural Economics

Teaching specialization- Microeconomics, Mathematical Economics, and Econometrics

Experience

13 years of teaching in Economics at University level

Awards and Honors

Research Projects

One major (ongoing) and one minor (completed)

International Collaboration/Consultancy

List of Publications

• Journals

1. Kumar, C. R. & **Nayak, C.R.** (2021). Women Empowerment through Self-help Groups in Odisha: A Micro Evidence from Mayurbhanj district, *Indian Journal of Economics and Development*, 17 (2), 350-360.
2. Som, M. & **Nayak, C.R.** (2021). Morbidity Profile of Newborns admitted to SNCUs in Odisha, *Orissa Economic Journal*, 52(1):150-169.
3. **Nayak, C. R.** & Satpathy, P. (2021). *Discretionary Transfers in Indian Federal Finance: A Panel Data Analysis*, *Indian Growth & Development Review*, 14(1):35-49.
4. Kumar, C.R.; **Nayak, C. R.** & Pradhan, A.K(2020). What Determines Crop Diversification in North-East Zone of India? *Journal of Public Affairs*, 20(4):1-10.
5. Maharana, S., **Nayak, C.R.** & Behera, M. K. (2020). Household Expenditure on Education in Odisha: An Analysis of NSSO Data, *Journal of Economic & Social Development*, 16 (1 & 2):
6. **Nayak, C.R.** (2019). Physical Infrastructure and Labour Productivity in Agriculture: A Study

of Rural Odisha, *International Review of Social Sciences and Humanities*, 9(7):304- 316

7. **Nayak, C.R.**, & Kumar, C.R. (2019). Crop diversification in Odisha: An Analysis based on Panel Data, *Agricultural Economics Research Review*, 32(1): 67-80.
8. **Nayak, C.R.**, & Kumar, C.R. (2018). Assessing crop-shift in agriculture of Odisha, *Indian Journal of Economics and Development*, 14(4): 641-649.
9. Som, M., **Nayak, C.R.**, Padhi B.K., Neetika, A. (2018). Patterns of Morbidity among Newborns Admitted in SNCUs of Odisha, India, *International Journal of Health Science Research*; 8(9):10-19.
10. **Nayak, C.R.**, & Kumar, C.R. (2018). Seasonal Migration and Livelihood of Marginalised Communities-A Case Study in Boudh District of Odisha, *Indian Journal of Economics and Development*, 14(2): 316-323.
11. **Nayak, C.R.** & Satpathy, P. (2018). Political Economy of Discretionary Transfers: A Dynamic Panel Data Analysis of Indian States, *PRAGATI: Journal of Indian Economy*,5(1):1-17.
12. **Nayak, C.R.** (2018). Food Subsidies in India: Trends, Causes and Remedies, *Kisan World*, 45 (5):51-55.
13. **Nayak, C.R.** (2018). Fertiliser Subsidy in India: Issues for Reforms, *Research Journal of Social Science and Management*, 7(11):293-98.
14. **Nayak, C.R.** (2018). Does Public Investment Crowd-out Private Investment in India? Evidence from India, *International Academic Journal of Applied Economics*, 8(8): 33-56
15. Priyadarsini, B.T. & **Nayak, C.R.** (2017). Determinants of Agricultural Productivity in India: An Econometric Analysis, *MANTHAN: Journal of Commerce and Management*. 4(2):41-53
16. **Nayak, C.R.** & Panda, M. (2017). Fiscal Consolidation and Economic Growth in India: A Cointegration Analysis, *VISION: Journal of Indian Taxation*, 4(2)
17. **Nayak, C.R.** & Satapathy, P. (2017). Federal Finance in India: An Analysis of Discretionary Transfers. *VISION: The Journal of Indian Taxation*, 4(1):
18. **Nayak, C.R.**, Kumar, C.R. & Nayak, M. (2017). Gender Perspective of Rural Livelihood in a Backward Village of Coastal Odisha. *Orissa Economic Journal*. 48(1-2), 161-172
19. **Nayak, C. R.** & Patri, P. (2017). Determinants of Sanitary Practices in Rural Odisha. *PRAGATI: Journal of Indian Economy*, 4(1):1-22
20. **Nayak, C. R.** (2016). Gender Perspective of Rural Livelihood and Household Income: Case Study of a Village in Odisha, *PRAGATI: Journal of Indian Economy*, 3(2).
21. **Nayak. C. R.** (2015). Crop Diversification and Land Productivity in Odisha: Role of Rural Infrastructure. *PRAGATI: Journal of Indian Economy*, 2(2)
22. **Nayak. C. R.** & Kumar, C. R. (2015). Role of Rural Infrastructure in Crop Diversification: A District Level Analysis of Odisha'. *Orissa Economic Journal*, 46(1-2)
23. Jena, J & **Nayak, C. R.** (2014). Subsidies and Fiscal Deficit in Post-Reforms India. *MANTHAN: Journal of Commerce and Management*. 1(1):
24. **Nayak, C. R.** (2014). Rural Infrastructure in Odisha: An Inter-District Analysis. *PRAGATI: Journal of Indian Economy*. 1(1):
25. **Nayak, C. R.** & Jena, J (2014). Petroleum Subsidies and Macroeconomic Variables in India. *Journal of Economics and Sustainable Development*. 15(3):145-154.
26. **Nayak, C. R.** (2014). Rural Infrastructure and Cropping Intensity in Odisha. *IOSR Journal of Economics and Finance*. 2(6): 05-09.
27. **Nayak, C. R.** (2008), Physical Infrastructure and Land Productivity: A District Level Analysis of Rural Orissa, *Icfai Journal of Infrastructure*, IUP, Hyderabad, 6(3): 7-21, ISSN. 0972-9194

28. Sen, B. & **Nayak, C. R.** (2001), "Formal Education and Total Factor Productivity in Agriculture- A Case Study, *Vision*, 21(12): 47-54
29. Sen, B and **Nayak, C. R.** (1998-99), "Farmers' Education and Agricultural Productivity", *Utkal Economic Papers*, Vol. 11:36-47.

- **Conference Proceedings**

1. Nayak, C.R. & Kumar, C.R. (2019). What Determines Crop Diversification? Evidence from Odisha, *The Indian Economic Journal*, Special Issue, 306-316.
2. Nayak, C.R. (2019). Political Economy of Non-Statutory Transfers in India with Special Reference to Poorer States, *The Indian Economic Journal*, Special Issue, 84-92.
3. Nayak, C. R. (2014). Linkages between Inflation and Other Macroeconomic Variables in India: A Preliminary Investigation. in Shinde, G N and P R Muthe (Ed). *Inflationary Trend and Its Impact on Indian Economy*, ISBN 978-81-922248-4-8, pp 2-12.

Recent Books/Book Chapters/Monographs etc.

1. Rout, S.P. & Nayak, C.R (2021). Efficiency of Public Health Spending in Indian States: An Investigation Based on Data Envelopment Analysis, In Sudhakar Patra et al. (Eds). Sustainable Development and Environment: Issues and Challenges, Kunal Publications, New Delhi, ISBN: 978-93-91908-06-5, pp. 204-221
2. Nayak, C.R. & Kumar, C.R. (2019). Crop Diversification in Odisha: Status and Determinants, In Manoj Kumar Das (Ed). Management and Sustainability of Natural Resources, City Publication, Delhi, ISBN 978-93-8911-727-1, pp.115-131
1. Swain, M. & Nayak, C. R. (2018) (Eds). Agrarian Distress and Farmers' Suicides in India, S.K.Book Agency, New Delhi, ISBN 978-93-8315-839-3
2. Nayak, C.R. (2018). Social and Economic Infrastructure, SSDN Publisher, New Delhi, ISBN978-93-8117-689-4.
3. Nayak, C. R. & Kumar, C. R. (2018). Crop Diversification in Odisha: An Empirical Assessment, In Mamata Swain and Chittaranjan Nayak (Eds). Agrarian Distress and Farmers' Suicides in India, S.K.Book Agency, New Delhi, ISBN 978-93-8315-839-3.

Research Supervision

Ph.D Awarded-4, Thesis submitted-1, M.Phil Awarded-8, Ongoing-1, M.A Dissertation-31

Administrative Responsibilities

- Dy. Chief Warden, Ravenshaw University, 2021-22
- Member, Accounts & Audit Committee, Ravenshaw University
- Member, Board of Studies, Department of Economics from 2014-2022
- Deputy Coordinator, UGC SAP (DRS-II), Department of Economics, Ravenshaw University, Cuttack
- Deputy Warden, *Jagannath Chhatrabas*, Ravenshaw University during 1-7-2017 to 30-06-2019
- Joint Coordinator, MA Course in Rural Development, July 2010 to June 2015
- Secretary, Association of Ravenshaw Economics Alumni (AREA) since inception in April 2012

- Faculty-in-Charge, PG Seminars, Dept. of Economics, Ravenshaw University, Cuttack, 2012-13, June 2014-2016 & 2017- 2018
- Coordinator, Syllabus Revision Committee, Dept. of Economics, Ravenshaw University, Cuttack, 2012-13 and 2014-15

Additional Information

- Resource Person/Invited Talk at State/National/International Seminars/Conferences-21
- Paper Presentation in State/ National/International Seminars/Conferences- 30
- Founder Secretary of Association of Ravenshaw Economics Alumni (AREA), Ravenshaw University, Cuttack
- Associate Editor, Ravenshaw Journal of Economics from 2011-22.
- Founder Secretary of Swami Vivekananda Loka Sansad, a state level voluntary organisation working in all the 30 districts of Odisha to materialise the visionary ideals of Swami Vivekananda. The organisation is working in the fields of youth development, rural transformation, intellectual promotion, promotion of art, literature & culture.